

LIMERICK COUNTY COUNCIL

LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 & 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT OR OTHER
MATTER TO WATERS

Atlantic Fuel Supply Co. Ltd
River House,
Blackpool Park,
Blackpool,
Co. Cork,
Ireland.

Reference No. in Register W. 109

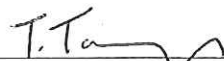
Limerick County Council, in exercise of the powers conferred on it by Local Government (Water Pollution) Acts, 1977 & 1990 hereby grants a license to discharge trade effluent:

From: Atlantic Fuel Supply Co. Ltd. Foynes Harbour, Durnish, Co. Limerick
To: Shannon Estuary,
At Foynes Harbour,
Durnish,
Co. Limerick.

Subject to the conditions on the attached Schedule.

Please note that while a licence has been granted, no discharge may occur from the premises until such time as facilities are in place to ensure that the standards specified in the section 2.2 of the licence conditions are not exceeded. It is an offence to permit any discharge from the premises, other than uncontaminated storm water, which does not comply with the conditions of the discharge licence.

Signed on behalf of the said Council:


APPROVED OFFICER

ORDER NO. 24/2009

DATE: 11/2/2009

EXPLANATORY NOTES:

These notes do not form part of the Licence.

An appeal against the decision of the Sanitary Authority under the provisions of the Local Government (Water Pollution) Acts, 1977 & 1990 may be made to An Bord Pleanala. An appeal shall be made (a) by sending the appeal by prepaid post to the Board or (b) by leaving the appeal with an employee of the Board at the office of the Board during working hours. Appeals should be addressed to An Bord Pleanala, 64 Marlborough Street, Dublin 1 and should be accompanied by this form.

An appeal made to an Bord Pleanala will be invalid unless a fee of €126.00 is received by the Board within the statutory appeal period.

This licence may be reviewed by the Sanitary Authority in accordance with the provisions of Section 7 of the Local Government (Water Pollution) Act, 1977 as amended and inserted by Section 5 of the Local Government (Water Pollution) (Amendment) Act, 1990. The prescribed period of the purpose of an appeal shall be:

- (a) In the case of an appeal relating to the grant or refusal of a licence, the period of one month beginning on the date of the grant or refusal of the licence.
- (b) In the case of an appeal relating to the decision of a local authority or sanitary authority on a review of a licence, the period of one month beginning on the date of the decision.

**Re: Licence under the Local Government (Water Pollution) Acts 1977 & 1990
for the Discharge of Sewage to Waters (Section 4 of the Principal Act).**

Applicant: Atlantic Fuel Supply Co. Ltd., The Harbour, Foynes, Co. Limerick.

Licence Register Number: W109

Schedule of Conditions

1 GENERAL

- 1.1 This Licence refers to the discharge of the treated sewage effluent from the proposed development at **Atlantic Fuel Supply Company Ltd., Foynes Harbour, Durnish, Co. Limerick** to the Shannon Estuary.
- 1.2 Effluent discharges shall take place only as specified in the application form received on the 12th December 2008, as modified and/or controlled by this Licence and subject to the requirements of law. **No material change in the quality or quantity of the trade effluent being discharged shall be made without the prior consent of the Licensing Authority.**
- 1.3 No constituent of the effluent shall be discharged in such quantity as would exceed those concentration limits imposed for the specific substance in national or international legislation.
- 1.4 The licensee shall notify the Licensing Authority in writing immediately prior to the commencement of the licensed discharge.

2 STORM WATER

- 2.1 Roof and yard water shall be separately collected and discharged to the surface water drain via oil interceptor.
- 2.2 A readily and safely accessible monitoring chamber shall be constructed on the storm water pipeline to allow for inspection and sampling of the storm water being discharged. **Within 3 months** of the proposed terminal being in operation a sample shall be taken from surface water manhole S10 as shown on drawing ref. 051-110-059 and analysed for the following parameters:
 - B.O.D.
 - Suspended Solids
 - Mineral Oils
 - Diesel Range Organics
 - Petrol Range Organics

The results shall be submitted to the Environment Section of Limerick County Council.

- 2.3 Detail calculations for the design of the oil separator shall be submitted to Limerick County Council for approval prior to installation. The separator shall be a full retention Class 1 with alarm and designed to BS EN 858 Parts 1 & 2.
- 2.4 Before operations commence detailed proposals for disposal of water from within the bunded areas shall be submitted to the Environment Section of Limerick County Council.

3 EFFLUENT CHARACTERISTICS

- 3.1 The total volume of trade effluent discharged to the estuary shall not exceed 5m³/day.
- 3.2 From the date of issue of this licence the characteristics of the treated sewage in any sample taken at the monitoring chamber specified in Condition 4.1 below shall not exceed the limits set out in the following table.

Parameter	Concentration (mg/l except for pH)
pH	6.0 – 9.0
B.O.D. (5-day with nitric acid inhibitor)	20
Suspended Solids	30

- 3.3. The following substances shall **not** be discharged to the surface or foul sewer pipeline as shown on drawing 051-110-059 submitted
- Mineral Oils
 - Diesel Range Organics
 - Petrol Range Organics

4 MONITORING FACILITIES

- 4.1 A readily and safely accessible monitoring chamber, approved by the Local Authority, shall be provided and maintained by the Licensee on the foul sewer pipeline to allow sampling of the treated effluent.
This chamber shall incorporate:
- Automatic flow measurement equipment, which shall continuously indicate, integrate and record the flow in m³/hour and total daily flow in m³.
 - Facilities for taking manual grab samples.
- 4.2 The equipment and facilities specified at 4.1 shall be operational and in use at all times when effluent is being discharged. Any malfunction of this equipment shall be immediately notified to the Licensing Authority in writing.

- 4.3 The Licensee shall at all times grant access to the monitoring chambers, to authorised personnel of the Licensing Authority or its authorised agents or any body having statutory responsibility for water pollution control to carry out such inspections, monitoring and investigations as deemed necessary.
- 4.4 The Licensee shall ensure that authorised personnel of the Licensing Authority or its authorised agents or any body having statutory responsibility for Water Pollution Control can safely access the site and sampling locations.

5 SELF MONITORING

- 5.1 The Licensee shall carry out monitoring of the effluent as follows:
- (a) Total 24 hourly flow (m^3).
 - (b) From the date of commencement of the discharge of the treated sewage effluent the **parameters listed at 3.2 above** shall be measured on a quarterly basis. The analysis shall be carried out on representative grab samples taken at the monitoring chamber specified in Condition 4.1. The time and date on which the sample was taken shall be recorded.
- 5.2 The Licensee shall carry out a visual inspection of the effluent discharge point, on a weekly basis. Records of all inspections shall be kept in a logbook. If it appears that there are any abnormalities in effluent quality then the Licensee shall immediately notify the Licensing Authority and initiate an investigation into the possible cause of the abnormalities.
- 5.3 The Licensee shall carry out a visual inspection of the surface water discharge point(s) on a monthly basis. Records of all inspections shall be kept in a logbook. If it appears that there are any abnormalities the Licensee shall immediately notify the Licensing Authority and initiate an investigation into the possible cause(s) of the abnormalities.
- 5.4 The licensee shall submit to the licensing authority, within 14 days of the end of each quarter, the results of all monitoring referred to in 5.1 (a) & (b) above and relating to the previous quarter.
The monthly report shall include, as the minimum, the following information:
- (a) all monitoring results and flow measurements for the preceding quarter;
 - (b) details of any non-compliances;
 - (c) reasons for non-compliance;
 - (d) proposals for prevention of a re-occurrence of any non-compliances.
- 5.5 Before February 14th, of each calendar year, the Licensee shall submit a summary report of all monitoring carried out in the previous year. This report shall indicate the percentage compliance with licence values for each parameter achieved in the previous year. The report shall also outline the intentions of the Licensee with regard to modifying their operations should these results not fully comply with the terms of this Licence.

- 5.6 All monthly and annual reports shall be signed by the Licensee or another senior person designated by him.
- 5.7 The Licensee shall keep records of all monitoring carried out for a period of five years. These records shall be available for inspection at all reasonable times by authorised personnel of the Licensing Authority or its authorised agents or by any body having statutory responsibility for Water Pollution Control.

6 COLLECTION SUMPS

- 6.1 The Licensee shall carry out a visual inspection of the collection sumps within the bunded area, on a **once-weekly basis**. Records of all inspections including the depth of solids present and cleaning dates shall be kept in a logbook.
- 6.2 Prior to disposal off-site the contents of the sumps shall be held within an enclosed and covered skip.

7 MANAGEMENT OF THE EFFLUENT TREATMENT PLANT

- 7.1 All pumping apparatus shall be alarmed in order to alert the licensee to any pump failure.
- 7.2 The Licensee shall enter into an annual maintenance contract with the supplier of the treatment system. A copy of these contracts shall be submitted to the licensing authority prior to the commencement of any discharge under this licence and annually thereafter, with the annual report (See Condition 5.5).
- 7.2.1 Within six weeks of the date of grant of this licence the licensee shall submit to the Licensing Authority, an assessment of the training needs of those engaged in the day to day management of the treatment systems and how these will be met.

8 SLUDGE MANAGMENT

- 8.1 The solids collected in the yard sumps and sludge arising from the maintenance of the onsite treatment system/petrol interceptors shall only be collected by a waste contractor who holds a current waste collection permit under the *Waste (Collection) Permit Regulations 2001* and disposed of at an appropriate facility.
- 8.2.1 The Licensee shall maintain a record of following:
- Type of waste
 - Date on which the waste was transported off-site;
 - Name and address and permit number of the waste contractor;
 - Quantity of waste (m³);
 - Disposal location.

- 8.3 These records will be maintained on-site and shall be available for inspection, by an authorised officer, at all reasonable times. A copy of these records shall be included with the Annual Report.

9 STORAGE FACILITIES

- 9.1 All over ground storage tank areas and drum storage areas which contain oils, chemicals or other substances which are, or could be, harmful to the aquatic environment shall be rendered impervious to the materials stored therein. Additionally, these areas shall be bunded, either locally or remotely, to a volume of 110% of the largest tank or drum within each individual bunded area, or otherwise designed in order to give protection to sewers, surface waters and groundwaters on spillage or seepage of the stored materials.
- 9.2 The integrity and water tightness of all bunded structures and underground tanks shall be demonstrated by the Licensee, to the satisfaction of the licensing authority once every five years. An independent chartered engineer shall carry out this assessment.
- 9.3 With regard to any future storage tank areas or drum storage areas the integrity and water tightness assessments shall be carried out **prior to instalment** and every five years thereafter.

10 SPILLAGES

- 10.1 The Licensee shall immediately notify the Licensing Authority after the occurrence of any accidental discharge, spillage or deposit of any pollutant or potential pollutant, which enters or is likely to enter waters or cause pollution.

11 RESPONSIBLE PERSONS

- 11.1 The Licensee shall nominate suitably qualified persons who shall be responsible for the supervision, control, and monitoring of all discharges arising at the premises as well as giving relevant information, on all such discharges to the Licensing Authority. The names and telephone numbers of these persons shall be submitted in writing to the Licensing Authority, prior to operation of the treatment plant. The Licensee shall ensure that the list of persons and their contact details are kept up-dated at all times.

12 FINANCIAL PROVISIONS

- 12.1 The Licensee shall pay the Licensing Authority an annual contribution towards the cost of auditing licence compliance. The contribution shall be charged at a rate of €150 per Audit visit and €110.30 per sample taken. The total cost for 2009 shall not exceed €370.60. The first payment shall fall due on 1st January 2010 and annually thereafter, increasing in line with the Consumer Price Index.

